

ABSTRACT

The invention provides a method and an arrangement for operating a system for comminuting scrap material. The installation includes a supply device (1) for the scrap material to be comminuted, and a comminuting machine (2) with at least one motor-driven (2.3) rotor (2.2) which has comminuting tools (2.2.1) and is horizontally positioned in a housing (2.1) and has an ejection door (2.1.1). The inventive installation also includes drive means for controlling the power and for protecting the installation from scrap material which is difficult to comminute or which cannot be comminuted at all, such as coarse, heavy or hard parts. In order to optimize the comminuting process, the values of the motor output, of the rotation speed of the rotor, of the temperature of the motor and the motor bearings and/or of the height of the scrap material flow (3) supplied to the comminuting machine (2), are inputted in a control device (4) and used to control/regulate the scrap material supply. Technical means (4.5, 4.6, 4.7) are provided in the region of the housing (2.1) for ejecting coarse, heavy or hard parts.

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